



ELECTRONIC TUBE REFERENCE

6HZ8

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-TRIODE

High-mu triode plus sharp-cutoff pentode; the triode serves voltage-amplifier or sync-separator functions while the pentode provides television video amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 1.125 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	140000 Ω
TRANSCONDUCTANCE	0.0126 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	8 W
MAXIMUM SCREEN DISSIPATION	2 W
Video-amplifier pentode.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
<i>High-mu triode.</i>	

High-mu triode and sharp-cutoff pentode; the triode is intended for voltage-amplifier or sync-separator service and the pentode for video amplification.

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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